An Inaugural & pay On Popul March 1828 Indigestion, For the dugher of Dector of Medicine In the University of Bennsylvania, Polin A. Wragg Charleston South Carolina.





When we consider the host

of diseases by which man is best, und (com-- paratuely speaking) the limited means we possess of Encountering them, we cannot but be astonished, that he so often reached the term of years, allottee for his sofourn in this mortal world. To doubt the ability of the science of medicine however, in many cased to overcome disease, and thereby morecise the probability of his reaching that term, would he worst thou scepticism; and it count fail, to be a source of satisfaction to the mind of the philauthropist, that we have seen this host of observes, gradually recover before the steady abacunce of our science; and with talent and molestry such as are now engaged in its pursuit; what may we not hope to see accomplished, me the course of a few years more.



The institution of a comparison between the mortiality of classease more and what is road some to late as so years ago will be sufficient to share the science of medicine has make to with such an object at the host in heavy high the science of humans wastery it must bette action and make the such an object at it has in heavy high the science and more mustery it must continue to account the long as this perfection is imaltained.

The disease which I have model when to beed of at the subject of the posters Thurs, is one that has supergrathe alter tion of men of leaving and experience from has been the subject of many able supertunctions because he such sector such seven stances, it would be variety in me who have had no instruction in the school of a powerce, to attempt any thing new I should therefore he content if it be found, that I have selection



as my authority, men, who have excepted their time and testeuts to, and are inscretally active collectors, as sometime on the subject It is neadary before we can

It is necessary before we com have any correct views concerning Judiges = - tion and the diseases consequent thereon, that we should thoroughly understorne the augistive process. I propose therefore, in the compilation of these pages, to commence by groung, a cursory view of Most process, and then proceed to speak of Indegestion, as a disease. Digestion in Thysology is defice to be, that change the food undergoes ne The Homach, by which it is convertee into Chyme. Its immediate object, is the for mation of Chife; a matter district to supply, The continual waste me the courter sexplicate in the animal Economy. I concieve it foreign to my purpose, to

the 1 7 the M

outer a minute detail, of the anatomy of the different parts concerned in the digistive process I shall therefore ne treating of dightstion, merely advert, to the changes the food undergaes while me the stomach. The actions which by their mion constitute dugestion, are several. The food is first recien - Ed into the mouth-there to be mosticated, and impregnated with salwa From thence it is propelled into the Homerck, through the vesophagers, by the act of do-- appetition, there to be converted into Chique, by the action of the gastric piece. By the muscular contractions of the stomach, This mass is then forced rute the ouroce. - neurs, where it recieves the pomoreatic puice one bile, and is then fit to be acted upon by the lactecels. That the fuce secretice by the stomuch is not

the the bo co with the stabilities in he to with a deal the

only capable of reducing food taken into that organ to chyme, but also of acting upon monumate ommal matter with - out the body, has been clearly proved, by the Experiments of Spallonizonie and others. These a periments seem to put it beyone a doubt, that it is through the agency of this, (the gastric piece) that the contents of the stomach are fittee, to pass into the Omoderum, there to underco other changes, preparatory to their being taken up by the lacteals. And such is the power of this fluid, that, according to Mr Hunter it is only through the agree eg of the witcel princeple, that the Ho-- mach itself is Enabled to resist its suffuence for no sooner is it deprived of that principle, those it, like all other in - animate minual matter, becomes mepl 

capable of withstemoting its solvent power, one is corroced by it. That this is the case No Hunter had on apportunity of seeing Ournoustratece, not only in the referior orders of onemals but no mon himself In a mone who was accidentally Hilloce in = mediately after sailing a full mecel, he faund, that a portion of the stomach was conaded, while the food he had just taken, remained wholly muchometer. It appears from apperments moved by Melson Shelip, Most the stornach is only acted upon, where There has been on musually large sup= ply of the gastric juce, as where one uncommonly large med has been made, muchately before death- and hence, in protractio cases of disease, where that oregone how been long emplied of its contents, and there is only a

small secretion of this fluid, and that of se inhealthy a nothers, as to be incompe - tent to the solution of Ever so small a quantity of the most ougestable matter if taken note it, we never fruce that its structure is affected. The different por tions of the stomach, have been found by Mr Thelip, to possess the degestive power, in sufferent degrees of perfection len exerneming the Homach's of numerous Het - bits killed, with the digestive process at different stages of a svancement, he found, that that portion of food, in contact with the surface of the stomach, was uniformly me a more advanced stays, them Most which was more remote from it Indeed this was so strekamofly manufest, that mules the minucie how feister for a very long time, there

te is. aor su-00 for Ca

was a distinct line of demarkation between the two portions. It appears also from Experiments made by the some you Memory, that this layer of food, we can= -tact with the surface of the Howard, is at different stages of digestion, at differ out portions of the surface. It is forther advanced in the middle of the freat Curvature, Thom Either in the large mig or the small curvature. Experiments have not as yet proud, whether the tood is Ever sufficiently diojester in the smelle cur - valure, to be sent to the pylones, withaut passing through the large curvature. The food in the pyloric portion, is found to be me a much more timeform state of degestion, thou that me conduce to much so moder, that the hue of demarkation becomes very

68 = /0 = t. a/= /20 th the

indistinct, and the neaver we approach to the orifice, the more does this line cis - appear, untill finally we see nothing but a homogenous map, fit to be recleved into the duodenime It appears then from what has been said; that me pro-= portion ous this layer of food me con = - tact with the surface of the stomach becomes digested, it is moved by the muscular action of this organ along its great curvature, there to undergo a still farther process, anote make room for the portion next morder. Thus are the contents of the stomach successively made to undergo, the action of the gastric fuce, and one there pro-= pelled to the pylones, to be passed through it nuto the Oluoderum, there those further changes which fit it for

14 te ps chylification.

Having now as was proposed, tra seed the different steps of the healthy diges = time process, we are the better prepare ful. - by to understand, the operation of those courses which tend to custurb 14, and this leads us me the first place to inquire, me - to the courses of Indigestion. It is Evereut from what has been seil of the process of elegestion, of the monner in which the food is, by the newsoular contractions of the storucion propelled through its different parts, and of the defency of the questric fuce in the proper fulfilment of this process, that any thing which tends by its influence on the stomach, church ely or molereotly to affect the healthy we= tion of Either the nervous or muscular power of that organ, must be ranked

H 9 9 1. ou. Il justinence on the ottomach tinch

among the causes of indigettion. In the nervous system of the human body, we discover two grand divisions. The one including those nerve which proceed directly from the brain and spinal marrow, into transmit sensee tion to the brain, and nervous influence to the voluntary muscles. The other, those which regulate the functions of the various organs, as those of the stomach, lever, heart te, we called gaughouse, one proceed from the execut sympathetic. That the news of this former class are mecapable of conveying any other sensation thou that allotted to Each particular one, we may afour our = - selvs by observing, that The unsilory nerve is mecapable of conveying tests, the optic sound, or the questatory sight to. In like monner, the news included in the second oursion are, in a state of health, macapa-



ble of transmitting sensations, and it is not untill they become diseased, that we are conscious of their Existence, as a part of our system. Johnson in his work on the morhis sensibility of the stomach was bow Els says," The Homach is as sensible to the stimulus of food as the retince is the light, but we feel nothing of the impression Let any one attentively observe when he sals plane food, or swallows plane Wrink He feels both of these mehrs mouth; but the moment that either of them puffers down the orsophagus, he is quite sucon scious of its presence in the Homach. It is so with all the internal organis. The lungs feel the ein, but we are uncon - secons of its presence in the cir cells; the heart feels the stimulus of blood, with -- aut our knowledge and so of all the other

m Sh. 林 10 the ca

orgons, while the nitellectual system is quite unconscious of all these sensibilities. But says In f let us go a step faither Twallow a team spoon ful of tructure of capsicum, or a wine ylafsful of bromely, time then we feel not only a burning sensation in the mouth end throat, but a certain degree of the some sensation in the Homach Timple as this Experiment may appear, and mampor = tout any conclusion thence resulting, it nevertheless unfolds one of the most fine = accurental views in pathology, and one of the most useful precepts in the art of pre-- strong health. The moment we call forth conscious sensation in the storneich, whether that be of a pleasurable or painful Kind, we offer wolence to their organ, how = Ever slight may be the degree. Let us view the matter closer. We take an abste-

John no. The de by of the signer the int

- mious meal of plain food, without any stimu - lating drink. Is there any conscious sensation produce thereby in the stomach? I say no. We feel a pleasurable sensation throughout the whole frame, Especially if we have fasted for some time previously, but no distinct sensation in the Homach. There is not there ought not to begung con-- scious sonsibility & cited in this organi by the presence of food or druk, in a state of health; so true is this observation, that to feel we have a stomach is no good sign." It is Execute according to the above view of the subject, how slight many be the courses which produce indigestion, and how careful we should be to quone against them Only take any substence into the stomach which will initate its neves, and we witherte its secretion, and

pe su of po the the

as & Johnson says, become conscious me have a stomach, which consciousness eis= - sures us that disease exists in it. Most soriters agree in deviding the causes of this disease into two kinds. The first or remote, which act either by affecting the secretory power of the Homach and thereby preventing the proper chunical change from takking place in the food, or by debilitating its hunscular power, so that although the food as far as it has been brought ne contact with the surface is properly oligester, yet on account of this muscular debility, the different portions are not made successively to puft through those parts which it is necessary they should, in order to become filled for their ultimate destination, nor are they regularly discharged through the pylo-Tus; and the second or proximate, which

is debility, induce by this rount of lone in the muscular fibres. Ir Culdwell in his notes on Cullens practice of medicine suys, that in - ougestion cannot be regarded as the source - diate result of debility in the nursular Libres of the Homach, me as much as the gestion is not a muscular process; but it has been proved by the Experiments of No Hulip, that when the newscular conbractions of the Hornach west not theor - oughly performed moligistion was the mouriable result. Indice this would ap-- pear to be the cast, surply from attending to the phenomenon of digestion. We have seen from the description of this, that it is necessary for the digestion of the food that it be brought in contact with the ouffirms portions of the surface of the Stomach For Mist to take place it is Evia as

- dently necessary, that the muscular action of that organe be entire. Hence I think we one fully warrented with & Cullen in adducing muscular debility as a proxi = - made cause of motigestion, though as he observe, it is certainly not the only one We next proceed to point out those comses of moligistion, which by their action on either of the above mentione func tions of the Homach, tend to induce that state of along we have said is to be considered as the proximate; into which are to be considered us the remote courts of the diseast.

Then according to 4 Cultrus minision, are of two sorts First, those which act in rectly wire immercially on the Hamack, such as I La, Coffee, Tobacco, Spirituaus lequors, opium, Billess, Viromatics, Victries

02 ch

and ascessints. Record large and repeated draughts of warm water or other watery liquiels. Third frequent surfeits rumo cerate - by distending the Homorch. Fourth fre -- quant vontiting, whether arising spouter-- neausly or Exectio withficially Fifth con - Hout rejection of the solive. And second - by, those which act upon the tohole body or on particular parts of it and in con - sequence of whose action, the Homach is chiefly affected Such are first, a life of in-- dolent and sestentary habits. Fecour, a mine harrufsed by disorderly passions of any Kind Thire, have study or close application to business continues for a length of line Fourth, Exceptive grati-- fication of the benered appetite first being much Expose to damp end coto air without Exercise. The courses Enviner



- ated under the second aurision may Evident by affect other parts thou the stomach; lint as this organi is always found Either primarily affected, or sympathizing with the affected parts, our practice should be directed towards it, particularly when we I mee that upon the Oliseast being con - quoren there, it generally becomes more tractable in the other parts affected Howing now minierates those courses! which moluce moligestion either by of-- fecting the Howeich primarily by their action unnectedely on it, or secondari-- by by producing disease in other with which this organ sympathizes, we are naw prepared to specik of their effects, or the symptoms moluceo by them, and in doing this I propose following the awistons law down by Mr Shelip me

1 of te,

his treatice on moligistion; and Jom toot do this becourse his divisions teco to ce material difference in the practice necefsering to be instituted for the cure of this Olisease. The disease of which we are now treating is perhaps, are of the most complicated in the whole cutaloque of practice. We find it commencing with symptoms so trifling in their necture, as not to attract the attention of even the patient himself, and frequently to Elude the suspicion of the most Ex= - percences practitioner; and mules checkto by the appropriate remedies, we see it gradually but steadily advoncing, mittle fruelly it completely uncernines the strength of the whole system, and he comes as we have said, at once are of the most complicate and difficult of

to po p = /0 hadback the Plantien of same de land of the most to Oce

the cuscuses, to be overcome by the skill of the physician; cone it is only by long and rusemitted attention in the treatment of It that he is at length gratifies, by his partients return to health. Not is the com - pleated nature of this disease to be laandered at when we reflect, that it hers for its seat an organ whose sym = perthies and consequently whose liabile ty to clisicisi) are more Eftensive, thom any other in the whole system. The symptoms of moligestion then are to be awided with three Hages, Each of which Ocemonos perticular attention as we must wary our treatment according as we find it puls from one to the other. It commences as I have before remarked so slightly, that the patient himself is not aware of any departure from

tol

his usual good health, and it is not mu-- till the symptoms have much consider--able advances that he is include to ap = ply for relief. In the commencement of the disease There is considerable flatalence & disten tion of the stomach. The patient fines upon rising from table, that although he has saten much less than he was for meety in the habit of doing, yet there is great measures in the Epiglistice region, with the peculiar feel of distin - tion. His stomuch is acco, cono he is traubter oil, exectations, which become the sensation of scalding in the throat. This state of things may continue for some time without his paying much attention to them; he may ever enjo tolerable health while under the influ-

= Ence of these symptoms, and may by proper attention to his dut, rating sparingly and on by of such substances as are rusy of diges. tion, restore the time of his Homach with out undergoing medical discipline. Senexally however, either from the greater de gree of obstinacy attending the case, or from a want of proper attention to the quantity ome quality of foor taken into The stamach, these symptoms are kept up and, as a consequence the other por tions of the alineutary cancel are found to become implicated. The bowels become costwe, the mouth streky with a bitter - ith tasts, and the langue funed, particul - larly in the morning. These symptoms may me the generality of cases be tempo - ravily removed by some gentle lay a tive. In consequence however of the

want of due attention to the quantity enio quality of the myester, they again recus attended now with some socilise of strength, which metuces the patient to turn his attention seriously to his State of health. He finds upon resing in the morning, that his sleep has been by no means a refreshing one, and that he is un a qual to the fest years to the feetigues of the day. The mine as well as the body now becomes modere, one the partient often frues it impossible to fix his attention on enery ob-- feet. As may naturally suppose, this diseased state of the stomach com-- not long Exist, without other oreforms sympathizing in its distrefs. Hence we find the functions of the liver ausordered, and its secretion is Either

p.

spanningly supplied, or Else it is poured out m too laaish a manner. This state of things is pointed out, by the appearance of the alone discharges. They Either con-- sest principally of micombines bile, or they are uniaturally light colour - Ed denoting its almost total absonce generally Thowever they are pretermenter-- rally dark, one sometimes almost black. We sometimes fine when there is a superabundant secretion from the liver, that the bele in consequence of the autipenstatic motion of the Emocierum, is thrown into the sto= = mach, one hence we have new = - sece, kean ouch, and bilgious boni-- ting. There can be no doubt, that the difference in the food taken makes some change in the colour of the

Jeces. This Thave sugself so often seen Examplifiece as to sencer it with me a matter of certainty, but that the bile hors this tendency Ever to a much greater degree, Ithink is Enquelly cer-- teini; nor do I think that the change made by the one, com ever be mister-- Ken for that make by the other. as The disease advances we fine other ports sympathinging with the cusor - cured state of the Homach, and hence, we see the appearance of the unice mortinally changed from the becelthy stomotore. Instead of being copious and petucio, we find it seems ty and high coloured. It appears from obserbations made by the Philips That when there is a prevalence of accidity me the stomach, the okine is

much less active thou in an apposite state of this orgone, and hence this ac-= ciclity not pelsing off by the perspirer= -tion, we find a considerable deposite of it in the wine in the form of lithic acid. That when there is a pre -- dominence of alkali in the sto -- much the skine is musually actite, the wine becomes turbie, and deposites a white sediment which beg analysis, is found to be a phosphate. Either of the above states of the wine may be found in moliciestion but more frequently the former, in eis much as our acid state of the stomas - ch, is more usually niet with in This disease. There is a remarkable sympathy existing, between The bow = - Els ouro Richices, which is well wor

thy of strict attention as it forms a pronument feature in the treatment of other diseases, thou the one of which the are now treating. It is, that we frequently find the wine security and high coloured, when the bowels are costine; one Must when Even the most powerful discretees foul in procluceing the desireo Effect, The snuple deliveristration of some meto aperent medicine; well pro-- duce a capious flow lipon the change in appearance of the alone ouschonges, we find the Stomach be-- coming consecterably more disor-- dered. The smallest quantity of (000, creates ou mucitaine sen= - scition of distention. The bowels are very insquelar, heing sometimes

1 Allen descent Man 

immaturally loose, and at other times requiring conthastic medicines te mostre thele. The matter discharge is very often watery, muyed with nuccus and some times containing blood, and we find that cathartic medicines do not as easily effect a ouscharge as they formerly oud. Or the disease proceeds, owing to the morbid contents of the almentary cornel, the patient com-- plains of moreasing weakness, pains in the stomach and lower part of the bown - Els, and a sensation of burning in the stomach and bowels which it is difficult to get red of As it progress, we find other parts sympathizing with the primar vice These sympothetical affections, must of course be different in different cases. The digestion organs now become uneaqual to to the requisite supply of naunshment, our hence

we find the body gradually because weath and emaciated find the patient is rendered smoble to attend to his daily avocations Mr Thelip moists strenuously on the differ = ence ound it appears to be by no means a useless our) between debility and de pression of strength. In the former, the viegor of the vital powers is impaired, in the latter, Their action is only imperched It is Evi don't that one of these states of the sys= tem mistaken for the other would trace to serious muschiefs in practice. Howing now enumerated the most striking symp. - tous meident to the first steege of moeexistion, we proceed according according. to the oursion lence clocore, to speak of

The most prominent of there is a per = - moment poine on pressure, just below

at that one of state starred the sea

The end of the sternene. It is Extremely cir-- cumscriber, and never exists for any length of time without the pulse becoming have, one it is this heroness of the pulse, that admonishes us to change aur made of treatment. There are others incident to this stage of the disease which would movice us to believe, that The simple irritation of the first stage, how palsto on to nefloritation Such as on merecise of thirst, portice sweets in The morning, mability of motion to, but The principal medication is the hard pulse, orwest is to this we are to accome - modate, the change main treatment. The symptoms of the thirce steage of meliges - tion, are such as wise from organic af-- fections. To enter into a deteril of these would lead us far beyond. The limits we

De 100 Ja

are here necessarily confined to, one likewise mivolue us me the consideration of a large portion of the diseases to which the human race is subject. Suffice it here to say, that these organic affections though out first only symptoms of the advances Hage of in digestion, get when suffered to progress unattended to become themselves discuses, The favourable termination of which is prequently Etremely dulions. This fact hers been happily compened, to the support which the brouches of a tree recieur from the trunk, " Cut down a tree before its roots have penetrated deeply into the sail, and you destroy the branches also But let these roots take a firm and extensive hoto; and we see them shooting out scious which in their turn strike Their receiveds into the grance, and acequire for Monuselas on incorpreneut vitae

Though impress in with the recessing of core fully weathing Most parts which are likely in the course of the original dis-

likely in the cause of the original dis--sear to become sympathetically affection. That we may not have to treat as a circum, that which by mother attention much!

that which by proper attention, might how been prevented from heconing any

Thing more than a symptom.

On the treatment of this disease as in all others, we must be quicked to holly by the symptoms, and hence we have it divided into that reppropriate to the

it divided into that apprepriate to the first, second, and third staged The progreft of the distast from one stage to another should be carefully watched, as it is only by this attention that we can inform

ourseles, we are not breating one stage

7 10 00 h le 1 h is 40

of it with those remedies, which are proulies by adapted to another. When called to ex portient labouring under the Earliest symptoms of indigestion which have been enumerated we may frequently by proper attention to diet and Exercise, restore him to health without subjecting him to a Strict medical discipline. The cut should be such, as well neither offence the stomach by its quantity or quality. A should be Eaten slowly so that it may be thorough by mosticated and impregnates with salwa; and that a greater quantity thou the gastric puce then in the stomach com act upon, may not be taken. The due performance of the process of mastication, is of the utmost consequence to the proper ougestion of the food. A weak Homach well find it difficult to diglit Ever so

h

small a portion of food, provided it is not thoroughly masticated. Susticular attention should also be paid, to the quan tity of food taken. The sensation of hum - ofer is created by the impression of the gastric juce on the stomach, hence this sensation can never be felt Except There he a quantity of that fluid pre-- sent. His sensation then should Ever be particularly attended to by the dy spep. tie, suce what Ever is taken into the stamach during its abspence for which is the some thing curing the abstrace of the gastric fince, must remain their on undegested mass, initating that orgen wie gwing rise to all those Evil we have wheavy Enumerated. It has been remarked, that the stomach when imemployee is always doing mis

the all M M 14

chief, and from this observation we ob-- tain a rule in regard to the Ecting of the dyspeptic (viz) that he should sent frequently and a little at a time Concerning the articles that are Easiest of the gestion it may be sufficient to observe, that all game comes under this heave, that white poultry are easy of ungestion, that fut is offensive to the stomach, and that the most simple monner ne which the poor is prepared is the state in which it is most Easily acted upon by the Migestive aparatus, Tenerally speaking milk will be found the most appropriate and for the dyspeptie invalice, and to be Effec. - truck it must be Exclusively allowed. Where milk ousagrees with the Howerth, the best substitute is chocolate vivested of its only parts by boiling wink is to

6 to 1. 16

be moderately taken at meals, neither abstaining totally from it, as hers been recommended nor yet moulging in it to Except Garticular attention must be perice by the dyspeptie to the Exercise, both of his mind end body. We have seen from the Experiments of Mo Shelip, that in the course of the healthy diges-- tive process, no admixture takes place between the face recently taken into the Homach, and that which has abready been acted upon by the gestric fuce; and hence a rule, that Exercise un= - necticately after reiting is infurious, in as much as it causes this mixture to take place. Hiding on horsebuck is The greese which is perhaps upon the whole hest suitece, to a dyspeptie pe - tient. It shoute however not be taken

w 19 1 is 2 for on hour or how after rating, eme show never be canted so for as to fatigue. The some rule holds as segards the of excise of the minog(hiz) it should never be fortigued dight reading such as is calculatice to annuse is littful, but any thing forther is injurious.

The first indication in the microcal treatment of this discuss is the relief of the stornach one bowelf white the stornach one find to content to the supply the stornach one finite of species is to be given, provided there is no phlogosis of that organ. In Philips thinks the repetition of English is supply one inverts the nature action of the stornach the nature action of the stornach the duckness. Mythe one matic we are to give some yeath ape-

Th M 10 9 10 w 4 a

39

- nent; avaiong in this stage of the Olisease the neutroce salts. As a laxitime Theubart. in the following formula as recommende by Dr Chapmon, has been found by him very useful. Forty piles are to be (My. Rhsubart . mede of this #3 & Common Typup 31 given at a close bil of Cart Freds 91010 Where there is epigastric unsasiness & Co re= commends the following, Awine glasful of (It Senna - - 310 This is to be of wen 22 Sintiem - 3j! or 3 times a day. Backing water - 0j No Thelip thinks that where the Emetic and logative face in producing the desired any we should resort to gruthe stimulouts, with a view of conecting the unhealthy secretions. This practice however must aburously prave repursans, where phlogosis

to the oriner 2 h h M X

of the stomach exists. Where an acid state of the Homach existings is to be corrected by absorbent medicines, as magnesia, line weeter, and particularly the life nices by pouring boiling water on hiccory asked. The stomach hing prepared by the above mentioned remedies the are next to resort to tonics, which are obtained Either from The weg Etable or mineral hingdony. among the wegetable are the quaffice, gentiem, colimbo, commoquele vc. the uneral tomes rout very high partice larly the preparations of how, one of These or Chapmon grows the preference to The sulphas Fom. It may be of were in the following formula, This is to be dividerated If Sel Fim -XXX pills leve to be tal Extract Sentione - Ken morning, noon, & night.

There are money other tonics recommens - ded to que tone to the stomach during the first stage of indigestion. I concieve however that Thave soir Enough concerning them, one shall only far -- ther remark in regard to tonics in general, What their use is to be abstaine Evifrom, where any of the symptoms of phlogosis of the stornach Exist. I now proceed to speak of the treatment appropriete to the second stays of the Ouse ase, one which may be done in very few words. It is wedent from what has been scrient the symptoms me this stage, that the structury dem adopted in the close of the last stages wente prace highly nyunaus. We must observe however that although This plan wante prace hurt fue, yet the

d

strength of the perticul must be suppor-- tece, one hence the most powerfue autiphlogistics are seldow culled for This however is to be determined solely by the ungrucy of the symptoms, re-- membering that the strength of the patient will not rall, as Easily, or Effectually, as it the me the Early stages of the ousease. Leeching and blistering The epigastrum, frequently not only remails the pain, but ameliorates all the other symptoms. Imale one re-= peater closes of nureway in the form of the blue pile, to correct the secretion of the liver, are useful in this stage The treatment of the third stage of this disease would as I observed when speaking of the

symptoms, lead me nuto a feeto far

to oftenior for the necessary limits of this production. I shall therefore close it by insisting strengency of the absolute weighty that syste in our fractice of welching barriety than organic superfictions that we may appropriate the weight of the strengency of the strengency survivally baffle our utmest skill.

I Finis-





